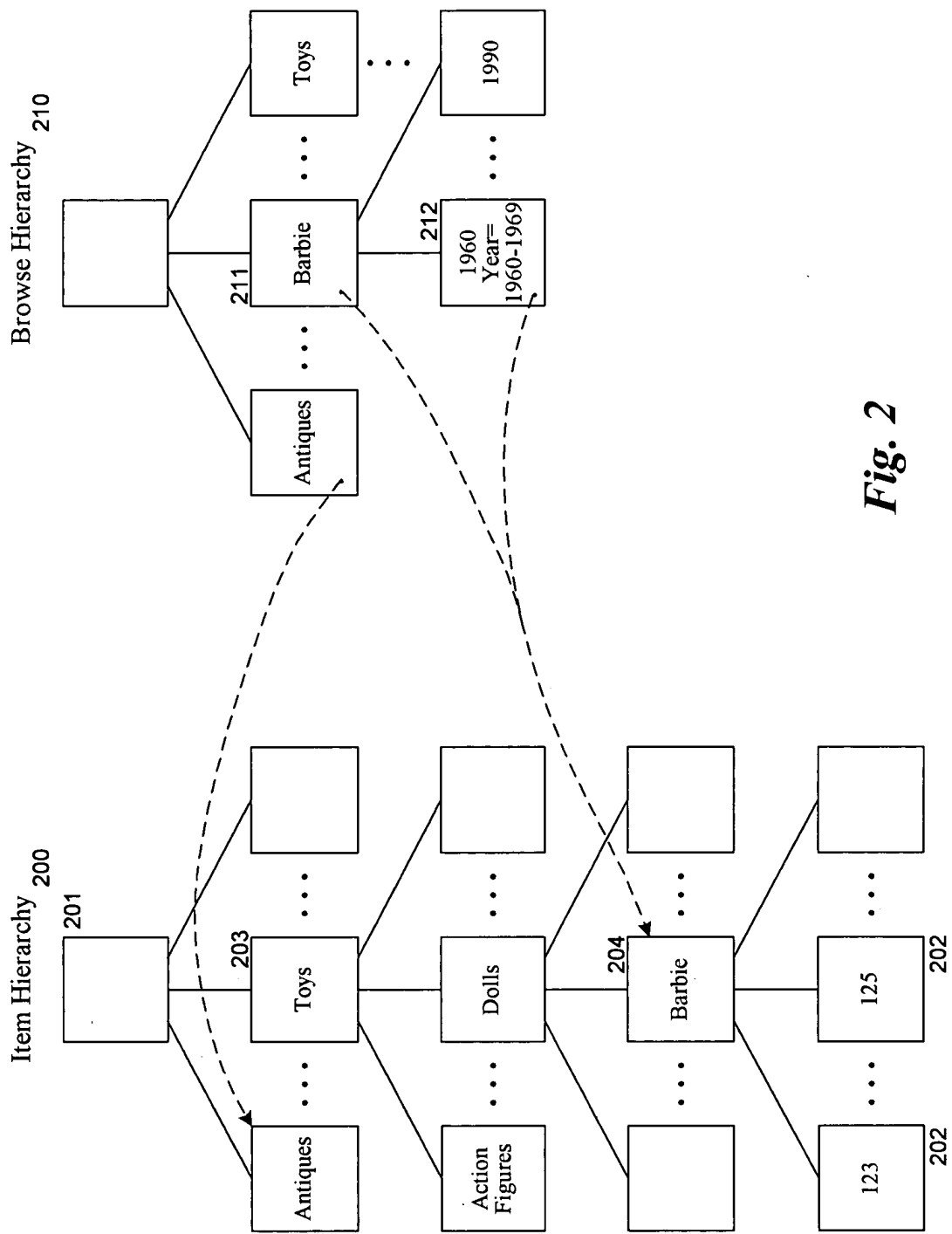


**Fig. 1**



**Fig. 2**

Item/Attribute Mapping

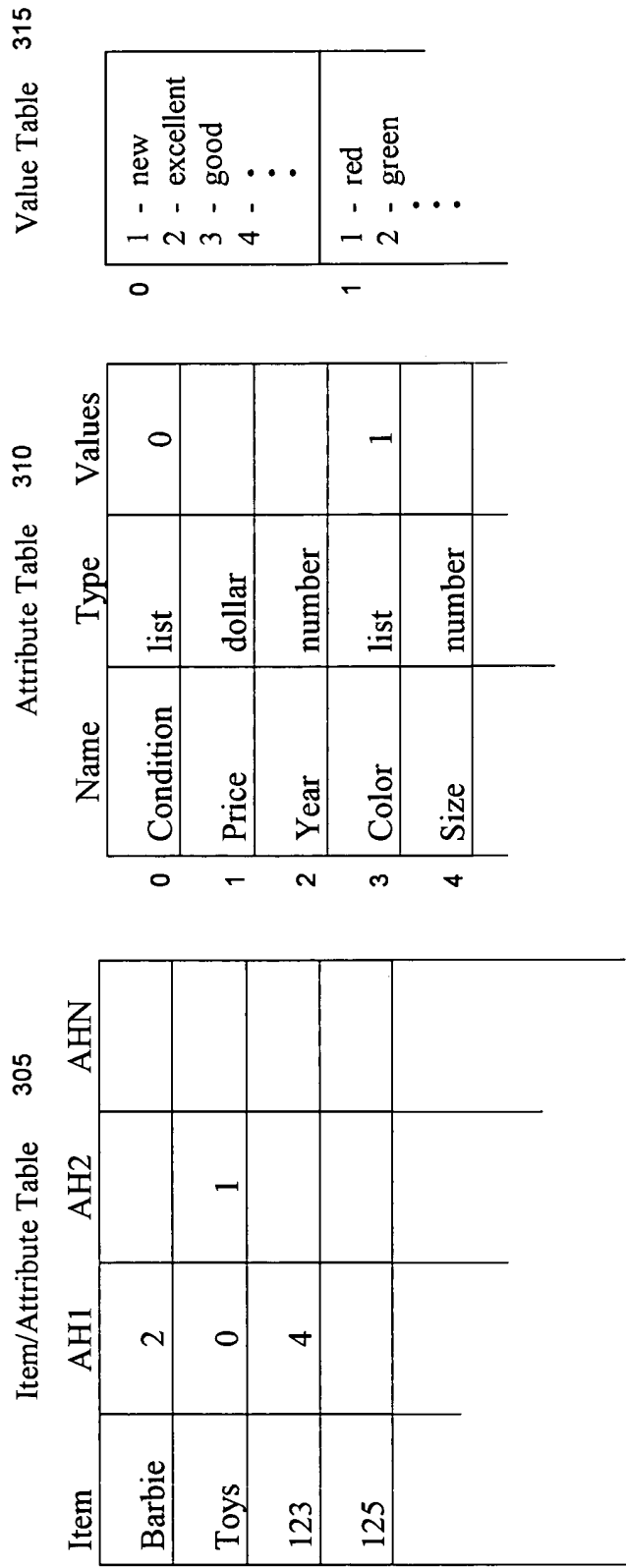
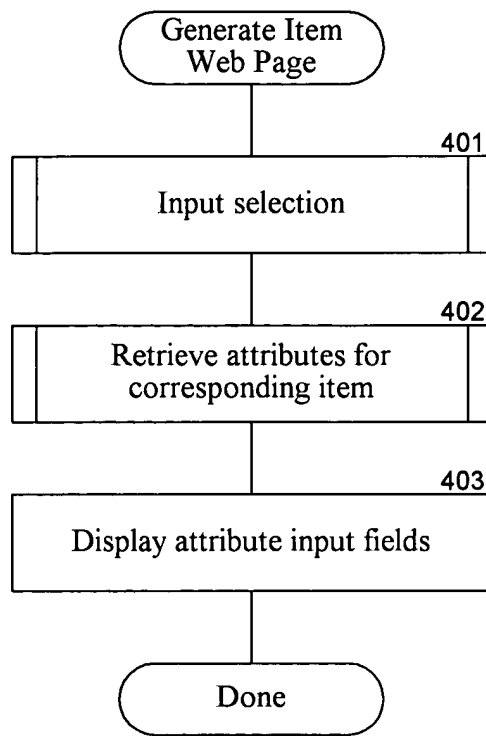
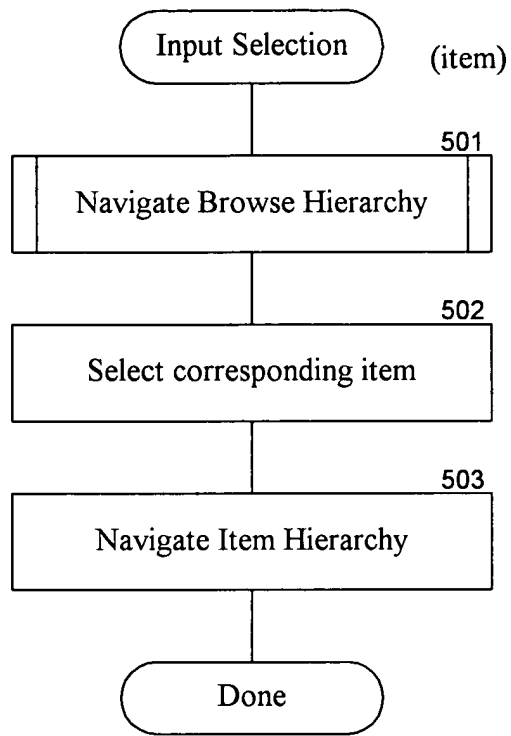


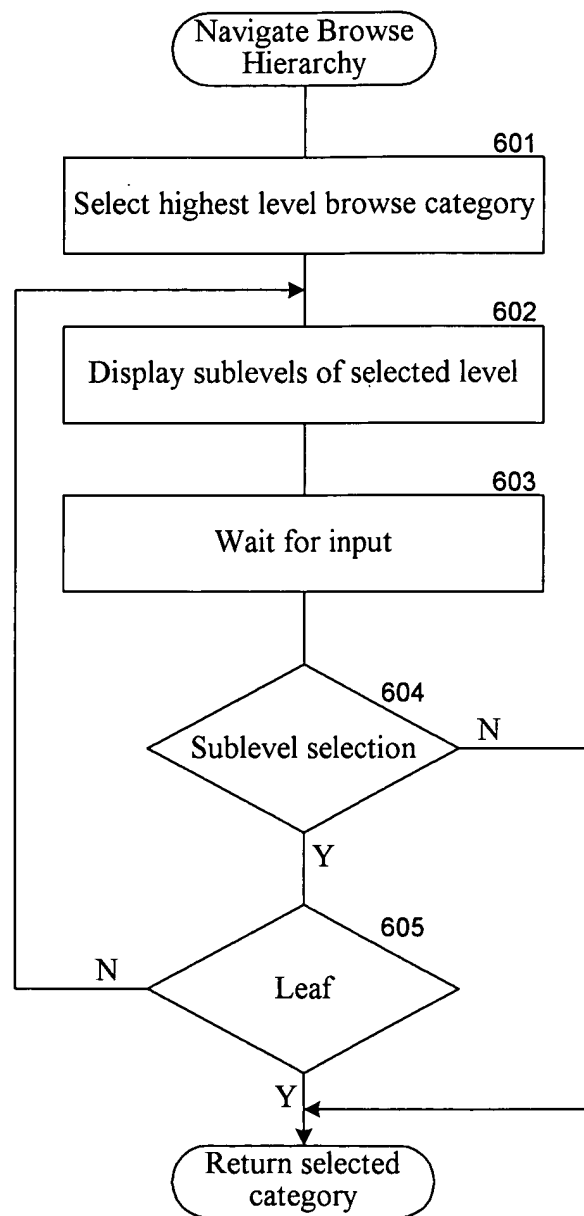
Fig. 3



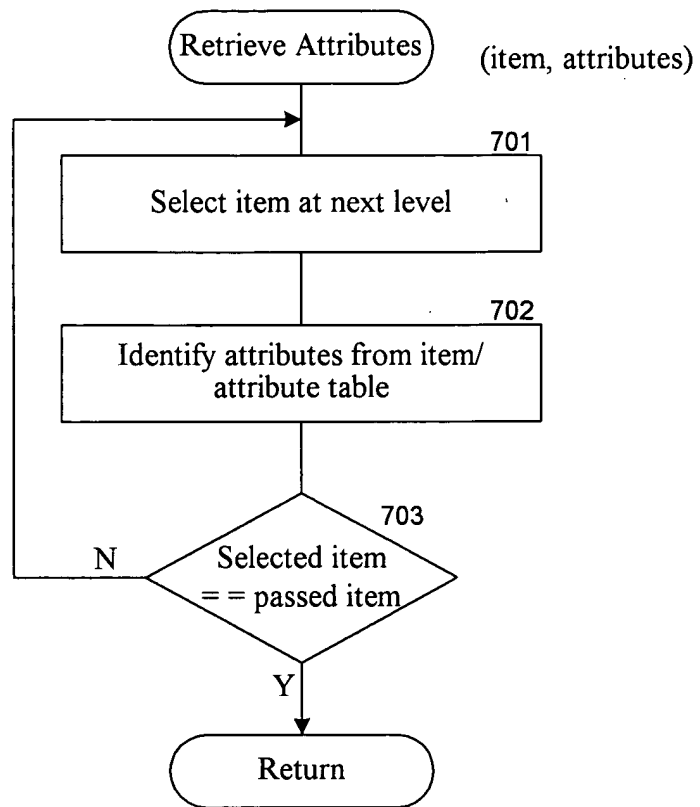
***Fig. 4***



***Fig. 5***



***Fig. 6***



***Fig. 7***

Item Hierarchy

Toys

Dolls

Barbie

Transaction Table

AHN  
800

Model	Condition	Color	Sale Type	Sale Price	Sale Date	Duration	...
123	1	red	auction	100	1/28/99	3	
123	5	red	sale	50	2/1/99	5	
125	2	green	wanted	75	2/2/99	10	
125	8	green	auction	25	2/4/99	2	

***Fig. 8***



# Transaction Price Suggestion

Browse Hierarchy  
Toys  
Dolls  
Barbie

901

Model	Condition	Color	Sale Type	Sale Price	Sale Date	Duration	...
123	good	red	auction			<3	

Suggest Price 902

Fig. 9

## Transaction Price Suggestion

Browse Hierarchy

1000 Toys  
Dolls  
Barbie

Model	Condition	Color	Sale Type	Sale Price	Sale Date	Duration	...
123	3	red	auction			<3	

1001

Based on review of 15 transaction for matching items, we suggest a sale price of \$75-\$100 to sell the item with the specified duration.

1002

Statistic	Price
Minimum	\$50
Average	\$85
Median	\$75
Maximum	\$150

1003

Review  
Transactions

List Item for  
Sale

List Item in  
Auction

Place a bid

1004

**Fig. 10**

## Transaction Trend Analysis

Browse Hierarchy

Toys

Dolls

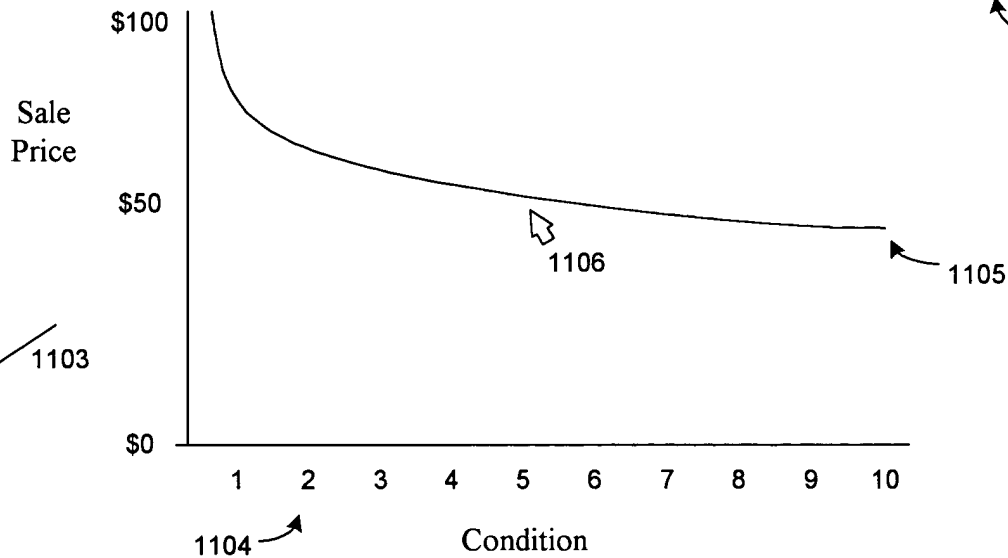
1100 Barbie

Model	Condition	Color	Sale Type	Sale Price	Sale Date	Duration	...
	X		auction	Y	>1/1/99	<3	

1101

Display Graph

1102



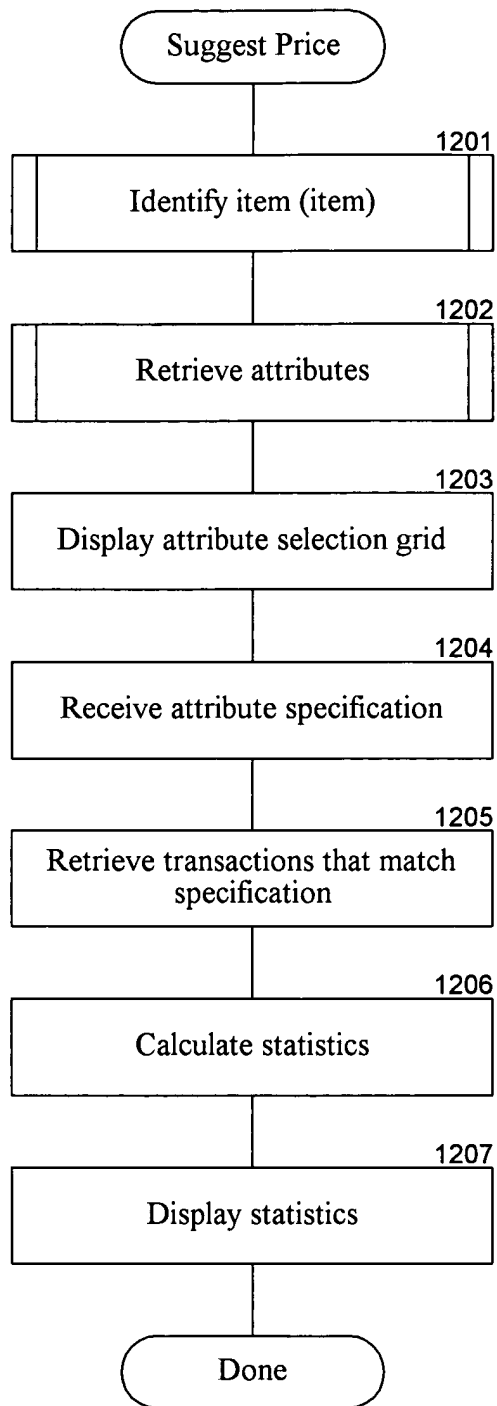
1103

1104

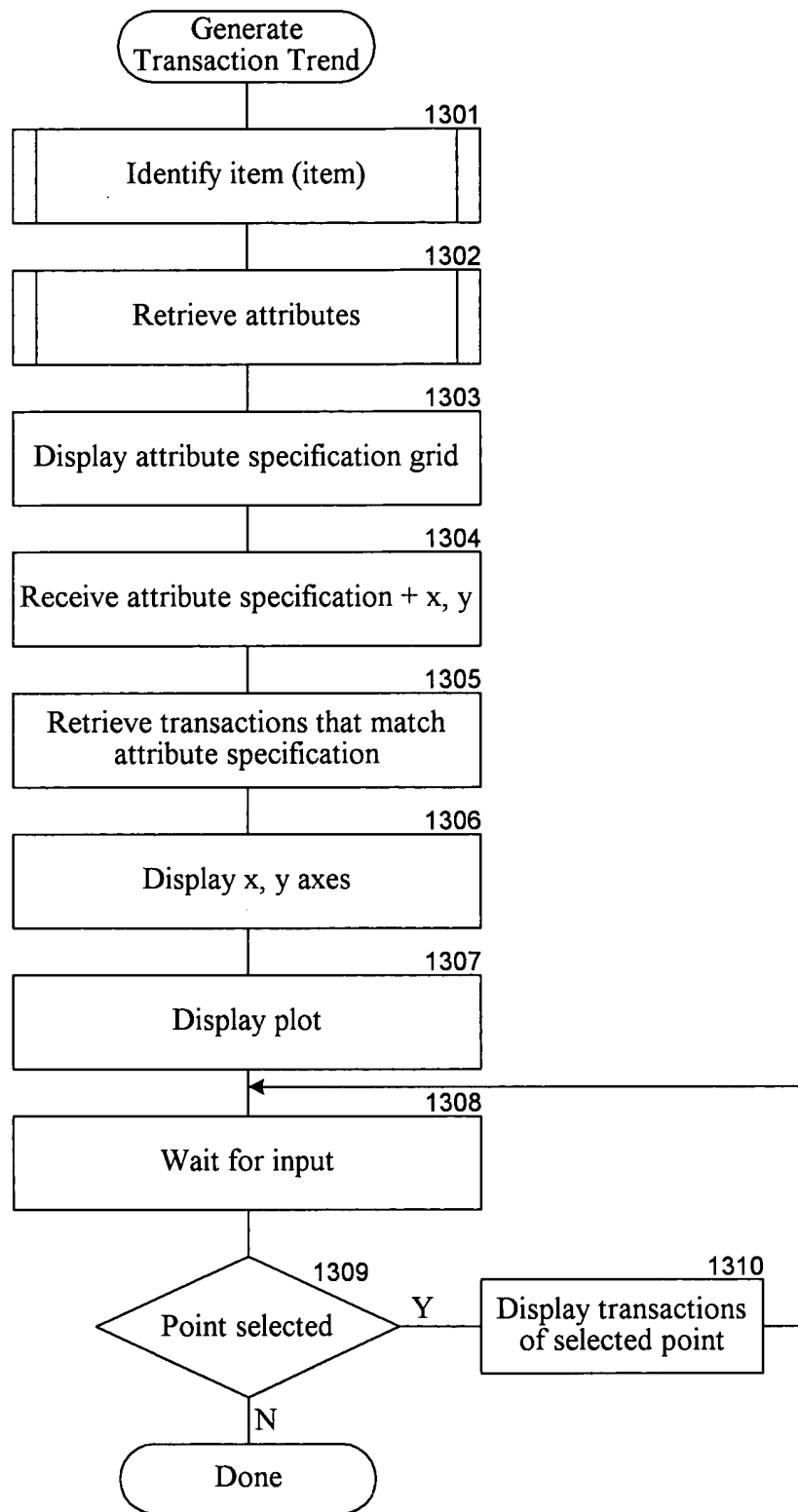
1105

1106

**Fig. 11**



***Fig. 12***



**Fig. 13**